Vess R2000 Series

Service Release Notes

Release Notes Document

Version: 9.0

Date: 2014/7/28

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Revision History

Revision	Date	Release Label	Release Version	Notes
1.0	2012/9/7	FCS	1.00.0000.02 (all) 0.00.0000.28 (boot loader)	
2.0	2013/1/31	SR1.0	1.01.0000.17 (all) 0.00.0000.37 (boot loader)	
3.0	2013/4/26	SR1.1	1.01.0000.29 (all) 0.00.0000.37 (boot loader)	
4.0	2013/5/22	SR1.2	1.01.0000.31 (all) 0.00.0000.37 (boot loader)	
5.0	2013/7/11	SR1.3	1.01.0000.35 (all) 0.00.0000.37 (boot loader)	
6.0	2013/10/11	SR1.4	1.01.0000.39 (all) 0.00.0000.42 (boot loader)	
7.0	2013/12/10	SR2.0	1.02.0000.41 (all) 0.00.0000.43 (boot loader)	
7.1	2013/12/17	SR2.0	1.02.0000.41 (all) 0.00.0000.43 (boot loader)	Update new features in 2.2.1
7.2	2013/12/30	SR2.01	1.02.0000.42 (all) 0.00.0000.43 (boot loader)	
7.3	2014/1/6	SR2.02	1.02.0000.43 (all) 0.00.0000.43 (boot loader)	
8.0	2014/4/16	SR2.1	1.02.0000.53 (all) 0.00.0000.43 (boot loader)	
9.0	2014/7/28	SR2.2	1.03.0000.07 (all) 1.00.0000.00 (boot loader)	Support new model Vess R2600xiS/D

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1. Contents for This Release

SR2.2 Image Version v1.03.0000.07, is for Vess R2000 series products, and the image can be used with the following models:

1. Vess R2600iD, R2600fiD, R2600tiD, R2600xiD, R2600iS, R2600fiS, R2600tiS, R2600xiS

2. Firmware

2.1 Version

2.1.1 Current Version

Vess R2000 Service Release 2.2 (SR2.2): v1.03.0000.07

2.1.2 Previous Release Version

Vess R2000 Previous Release Version: v1.02.0000.53 (SR2.1)

2.2 Highlights in this release

- When system firmware release label is FCS, SR1.0, SR1.1, or SR1.2, user must first upgrade it to FW SR1.3 or SR1.4 before applying new FW SR2.xx

- Check item 4 of errata and known issues to restore/backup ACL entries before upgrade FW or restart Vess R2600

2.2.1 New Features

- **SR 2.2**
  - Support new models Vess R2600xiD and Vess R2600xiS

- **SR 2.1**
  - Support new models Vess R2600tiD, and Vess R2600tiS
  - Support NAS

- **SR 2.0**
  - Support Online LUN Clone
  - Support LACP option for port trunking
  - Support VMWare VAAI (Write Same, XCOPY, ATS)
  - Enhanced advanced flash backup
  - Support 8052 FAN (OEM base)

2.2.2 Bugs Fixed

- **SR 2.2**

Title	Host can't detect LUN22
Problem Description	Host does not send inquiry command to LUN22 since Vess R2600 reports LUN22 bus ID=1
Reference	RB-212852
Resolution/Status	Fixed in the SR2.2 Released

Title	Can't get correct value by import/export
Problem Description	NTP setting can't get correct value by import/export iSCSI setting can't get correct value by import/export
Reference	RB-212669, RB-212868, RB-212668
Resolution/Status	Fixed in the SR2.2 Released

Title	Offline SD could not be removed
Problem Description	Offline SD could not be removed
Reference	RB-212941
Resolution/Status	Fixed in the SR2.2 Released

Title	C2C and heartbeat timeout
Problem Description	To handle packet after initiator logout causes FW dead lock.
Reference	RB-212058, RB-207428
Resolution/Status	Fixed in the SR2.2 Released

Title	Add a switch for VAAI
Problem Description	Add a switch for VAAI
Reference	RT-18392, RB-211878, RB-211738
Resolution/S	Fixed in the SR2.2 Released

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Title	Mark drive as PFA
Problem Description	Mark all drives as PFA when DDF read fail
Reference	RT-18394
Resolution/Status	Fixed in the SR2.2 Released

Title	Hit N-1 PSU policy when system boot
Problem Description	It may cause unused PD or controller enters maintenance mode.
Reference	RT-12523, RB-211878
Resolution/Status	Fixed in the SR2.2 Released

Title	Replace share disk fail
Problem Description	Can’t delete Clone task if source share disk be deleted
Reference	RB-212577
Resolution/Status	Fixed in the SR2.2 Released

Title	Replication recovery displays error status when destination NAS controller resets.
Problem Description	Replication recovery displays error status when destination NAS controller resets.
Reference	RB-212444
Resolution/Status	Fixed in the SR2.2 Released

Title	Buzzer works abnormal
Problem Description	Buzzer works abnormal
Reference	RB-209513, RT-16252
Resolution/S	Fixed in the SR2.2 Released

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Title	FW crash with RHEL
Problem Description	FW crash by data overrun or underrun.
Reference	RB-211882
Resolution/Status	Fixed in the SR2.2 Released

Title	Windows format volume slowly with RR across dual controllers
Problem Description	Windows format volume slowly with RR across dual controllers
Reference	RB-211968
Resolution/Status	Fixed in the SR2.2 Released

Title	Display error information with SAS 12Gb/s HDD drive interface
Problem Description	Display error information with SAS 12Gb/s HDD drive interface
Reference	RB-211911
Resolution/Status	Fixed in the SR2.2 Released

Title	Locate diskpool fail
Problem Description	Locate diskpool fail
Reference	RB-211492
Resolution/Status	Fixed in the SR2.2 Released

Title	User can assign NFS port number for security issue
Problem Description	User can assign NFS port number for security issue
Reference	RB-211689
Resolution/S	Fixed in the SR2.2 Released

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Title	Some configuration settings do not backup to NAS data partition
Problem Description	Some configuration settings do not backup to NAS data partition
Reference	RB-212315
Resolution/Status	Fixed in the SR2.2 Released

Title	Delete association when stop LUN Clone in GUI
Problem Description	Can't delete Cloned LD After re-create new NAS LD, the "Disk Pool & Share Disk" didn't show any NAS volume
Reference	RB-211977, RB-211599
Resolution/Status	Fixed in the SR2.2 Released

Title	Delete association when stop LUN Clone in GUI
Problem Description	Can't delete Cloned LD After re-create new NAS LD, the "Disk Pool & Share Disk" didn't show any NAS volume
Reference	RB-211977, RB-211599
Resolution/Status	Fixed in the SR2.2 Released

Title	Support to create different LD stripe size for disk pool
Problem Description	Support to create different LD stripe size for disk pool
Reference	RT-18044
Resolution/Status	Fixed in the SR2.2 Released

Title	NAS selectively choose the group/member from AD
Problem Description	NAS selectively choose the group/member from AD
Reference	RB-211687
Resolution/S	Fixed in the SR2.2 Released

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Title	While one RAID 5 disk pool becomes offline, can't create new disk pool
Problem Description	While one RAID 5 disk pool becomes offline, can't create new disk pool
Reference	RB-211757
Resolution/Status	Fixed in the SR2.2 Released

Title	NAS disk pool lost while another disk pool is deleted.
Problem Description	NAS disk pool lost while another disk pool is deleted.
Reference	RT-18038
Resolution/Status	Fixed in the SR2.2 Released

Title	Only Administrator can delete Restore Folder.
Problem Description	Only Administrator can delete Restore Folder.
Reference	RT-18059
Resolution/Status	Fixed in the SR2.2 Released

Title	While NAS SD is empty, it still can do replication
Problem Description	Block replication to overwrite target SD files when source SD is empty.
Reference	RB-211798
Resolution/Status	Fixed in the SR2.2 Released

Title	Restore folder "Restore\<task>\<YYMMDD>" can't be deleted after NAS replication restore
Problem Description	Restore folder "Restore\<task>\<YYMMDD>" can't be deleted after NAS replication restore
Reference	RB-211758, RB-211755

Resolution/Status	Fixed in the SR2.2 Released

Title	Restore folder “Restore\<task>\<YYMMDD>” can’t be deleted after NAS replication restore
Problem Description	Restore folder “Restore\<task>\<YYMMDD>” can’t be deleted after NAS replication restore
Reference	RB-211758, RB-211755
Resolution/Status	Fixed in the SR2.2 Released

Title	AD domain DNS server is gone
Problem Description	AD domain DNS server is gone
Reference	RB-211705
Resolution/Status	Fixed in the SR2.2 Released

Title	Fail to set FTP maximum connection
Problem Description	Set maximum connection to 2 but get 64 when check it again
Reference	RB-211670
Resolution/Status	Fixed in the SR2.2 Released

Title	Rsync fail by permission denied
Problem Description	Rsync fail by permission denied
Reference	RB-211589
Resolution/Status	Fixed in the SR2.2 Released

Title	Sometimes recovery fail
Problem Description	Wrong type of perl require path

Reference	RB-211578
Resolution/Status	Fixed in the SR2.2 Released

Title	Can’t stop check share disk
Problem Description	Since some fsck phase can’t be stopped, hide the stop check function
Reference	RB-211315
Resolution/Status	Fixed in the SR2.2 Released

Title	Email daemon does not support esmtp
Problem Description	Email daemon only support smtp without encryption at default 25 port number. Email daemon need support encryption smtp include SSL and TLS for authorization
Reference	RB-211274
Resolution/Status	Fixed in the SR2.2 Released

Title	Set IP 127.0.0.1 in GUI
Problem Description	Success to set IP 127.0.0.1 in CLU, but fail in GUI.
Reference	RB-210490
Resolution/Status	Fixed in the SR2.2 Released

Title	Reset NAS backup setting, share disk didn’t change back to normal
Problem Description	Reset NAS backup setting, share disk didn’t change back to normal
Reference	RB-211520
Resolution/Status	Fixed in the SR2.2 Released

Title	Out of AD server when controller 1 fail over
Problem Description	Out of AD server when controller 1 fail over

Reference	RB-213035
Resolution/Status	Fixed in the SR2.2 Released

Title	Some events will not send email notification.
Problem Description	Some events will not send email notification.
Reference	RB-213847
Resolution/Status	Fixed in the SR2.2 Released

Title	SCSI host abort task with NFS i/o
Problem Description	SCSI host abort task with NFS i/o
Reference	RB-212134
Resolution/Status	Fixed in the SR2.2 Released

Title	Some performance issues of NAS
Problem Description	Improve file backup, and rsync performance Improve delete files performance
Reference	RB-212172, RT-18683, RB-213489, RB-213486
Resolution/Status	Fixed in the SR2.2 Released

Title	Fail to create disk pool when LUN masking is enabled
Problem Description	Fail to create disk pool when LUN masking is enabled
Reference	RB-210845
Resolution/Status	Fixed in the SR2.2 Released

- **SR 2.1**

Title	Unstable iSCSI session

Problem Description	Stopping media patrol may cause i/o stop
Reference	RB-210759
Resolution/Status	Fixed in the SR2.1 Released

Title	Mark PD dead but does not trigger rebuild with spare drive
Problem Description	Due to system wants update DDF to dead PD, it cause the auto rebuild does not be triggered.
Reference	RB-210515, RB-210658
Resolution/Status	Fixed in the SR2.1 Released

Title	Media patrol works abnormal with hard drive capacity over 2TB
Problem Description	Media patrol works abnormal with hard drive capacity over 2TB
Reference	RB-210593
Resolution/Status	Fixed in the SR2.1 Released

Title	VMWare VAAI test failed on ATS_File_OP
Problem Description	VMWare VAAI test failed on ATS_File_OP
Reference	RB-209138
Resolution/Status	Fixed in the SR2.1 Released

Title	Take wrong source/destination size in xcopy function
Problem Description	Take wrong source/destination size in xcopy function
Reference	RB-207074
Resolution/Status	Fixed in the SR2.1 Released

Title	Device offline and I/O stuck by zombie BICS

Problem Description	Device offline and I/O stuck by zombie BICS
Reference	RB-210024
Resolution/Status	Fixed in the SR2.1 Released

Title	Disk activity and status LEDs work abnormal
Problem Description	Disk activity and status LEDs work abnormal
Reference	RB-209124
Resolution/Status	Fixed in the SR2.1 Released

Title	Fail to load factory default of Scheduler by GUI
Problem Description	Fail to load factory default of Scheduler by GUI
Reference	RB-210523
Resolution/Status	Fixed in the SR2.1 Released

Title	Can’t use GUI after controller fail over
Problem Description	Can’t use GUI after controller fail over
Reference	RB-211130
Resolution/Status	Fixed in the SR2.1 Released

Title	Fail to change FC port 2 speed of controller 2
Problem Description	Fail to change FC port 2 speed of controller 2
Reference	RB-210496
Resolution/Status	Fixed in the SR2.1 Released

Title	Can’t select scheduler name

Problem Description	1. Select battery recondition scheduler 2. Unselect battery recondition scheduler 3. Can't select battery recondition scheduler after step 2
Reference	RB-210561
Resolution/Status	Fixed in the SR2.1 Released

Title	Fail to add Redundancy Check in scheduler
Problem Description	Fail to add Redundancy Check in scheduler
Reference	RB-210544
Resolution/Status	Fixed in the SR2.1 Released

Title	Can't unselect the check box in migration function
Problem Description	Can't unselect the check box in migration function
Reference	RB-210567
Resolution/Status	Fixed in the SR2.1 Released

Title	Hide the start icon of migration when no LD in ARRAY
Problem Description	Hide the start icon of migration when no LD in ARRAY
Reference	RB-210634
Resolution/Status	Fixed in the SR2.1 Released

Title	Can't know the fail reason to set more than 8 offline Clone LD.
Problem Description	Hide the start icon when choose more than 8 Clone LD
Reference	RB-210731
Resolution/Status	Fixed in the SR2.1 Released

Title	Can't start Media Patrol on GUI when only create spare disk without any ARRAY
Problem Description	Can't start Media Patrol on GUI when only create spare disk without any ARRAY.
Reference	RB-210759
Resolution/Status	Fixed in the SR2.1 Released

Title	Fix some Axles related issues
Problem Description	1. Words display not correctly on create share disk page, the words would break in the row. 2. When setting migration, Axles should enable if Target RAID Level choose RAID30. 3. CLI can't support change axle count of RAID 30 of Clone command and causes it can't modify 4. Always show 2 Axles in LUN Clone setting
Reference	RB-210901, RB-210902, RB-210710, RB-210712
Resolution/Status	Fixed in the SR2.1 Released

Title	Incorrect LD id in event
Problem Description	1. create 32 LD 2. add 32 LD to initiator in LUN map 3. modify LUN id 4. event will log incorrect LD id
Reference	RB-210840
Resolution/Status	Fixed in the SR2.1 Released

Title	IE compatibility issue at create share disk page
Problem Description	Words display not correctly on create share disk page, the words would break in the row.
Reference	RB-211037
Resolution/Status	Fixed in the SR2.1 Released

Title	iSCSI Boot from San problem with RHEL 6.5

Problem Description	The buffer prepared in iSCSI FE is not enough.
Reference	RB-210917
Resolution/Status	Fixed in the SR2.1 Released

Title	Email notification does not support esmtp
Problem Description	1. Email daemon only supports smtp without encryption at default 25 port number. 2. Email daemon needs support encryption smpt include SSL and TLS for authorization.
Reference	RB-211274
Resolution/Status	Fixed in the SR2.1 Released

Title	C2C timeout and socketSrv problem
Problem Description	One controller failed to response
Reference	RB-210163
Resolution/Status	Fixed in the SR2.1 Released

- **SR 2.02**

Title	GUI displays same portal when press “assign portal to target”
Problem Description	When execute "assign portal to target" function, portal group would become "unknown" and make some wrong information
Reference	RB-210390
Resolution/Status	Fixed in the SR2.02 Released

- **SR 2.01**

Title	V2600 single controller warning about controller not synching
Problem Description	GUI displays warning under single controller mode
Reference	RB-210307
Resolution/Status	Fixed in the SR2.01 Released

- **SR 2.0**

Title	turn on 4 JBOD from wake on SAS, only detect 2 JBOD
Problem Description	When system power on, RAID machine only detects 2 JBOD due to JBOD spin up too slow
Reference	RB-203437
Resolution/Status	Fixed in the SR2.0 Released

Title	Issue "maintenance -a enter -i1" and hit watchdog
Problem Description	Controller hit watchdog when try to enter maintenance mode.
Reference	RB-206623
Resolution/Status	Fixed in the SR2.0 Released

Title	Hit watchdog when machine starts after abnormal shutdown
Problem Description	1. power off by AC source 2. System hits watchdog or enters wrong mode when power on
Reference	RB-206579
Resolution/Status	Fixed in the SR2.0 Released

Title	Power button can’t work in maintenance mode
Problem Description	When controller enters maintenance mode, user can’t use power button to shutdown system
Reference	RB-206142
Resolution/Status	Fixed in the SR2.0 Released

Title	System may hit watchdog when system updates enclosure LED status
Problem Description	System may hit watchdog when system updates enclosure LED status
Reference	RB-207428
Resolution/S	Fixed in the SR2.0 Released

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Title	Display management port gateway IP as 0.0.0.0
Problem Description	When iSCSI portals over 25, will display management port gateway IP as 0.0.0.0.
Reference	RB-208713
Resolution/Status	Fixed in the SR2.0 Released

Title	Controllers fail to get EEPROM data and enter maintenance mode
Problem Description	System enters maintenance mode when system boots up
Reference	RB-206699
Resolution/Status	Fixed in the SR2.0 Released

Title	Management port maximum supported speed is incorrect
Problem Description	Display Management port maximum supported speed to 1000Mbps, correctly supported speed is 100Mbps
Reference	RB-207475
Resolution/Status	Fixed in the SR2.0 Released

Title	Failed to process "factorydefaults -a restore -t all"
Problem Description	"factorydefaults -a restore -t all" fail when management port is DHCP enabled
Reference	RB-207509
Resolution/Status	Fixed in the SR2.0 Released

Title	System may crash when controllers synchronize LD stats
Problem Description	System may crash when system synchronizes LD stats between dual controllers
Reference	RB-209139
Resolution/S	Fixed in the SR2.0 Released

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Title	System enters maintenance mode
Problem Description	FW hit watchdog and enters maintenance mode due to expander lost
Reference	RB-205782, RB-206877, RB-206664
Resolution/Status	Fixed in the SR2.0 Released

Title	FAN speed up to maximum RPM when system boots.
Problem Description	Sensor reports wrong value and set FAN status as thermal critical.
Reference	RB-207410
Resolution/Status	Fixed in the SR2.0 Released

Title	Failed to sync. NTP time
Problem Description	Last Synchronization Result is failed and Last Synchronization Time does not update.
Reference	RB-206625
Resolution/Status	Fixed in the SR2.0 Released

Title	Incorrect performance marked scale
Problem Description	The number of marked scale should be 1120, but only display 120
Reference	RB-208641
Resolution/Status	Fixed in the SR2.0 Released

Title	Performance monitor only show master port performance for trunk
Problem Description	Performance monitor only show master port performance. When master port offline, performance monitor still display trunk performance value at master port.
Reference	RB-207217
Resolution/S	Fixed in the SR2.0 Released

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Title	The php.ini corrupted while SW sync
Problem Description	The file format of php.ini is incorrect after performing SW sync
Reference	RB-207906
Resolution/Status	Fixed in the SR2.0 Released

Title	The maximum number of LUNs in help info of CLI command "array" is incorrect
Problem Description	Type “array -h” in CLI and the “Valid values” of ID is incorrect
Reference	RB-208519
Resolution/Status	Fixed in the SR2.0 Released

Title	PD firmware update fail
Problem Description	Update PD firmware form WebPAMPro-e but show error message "Cannot connect to webserver, Please try again later"
Reference	RB-207988
Resolution/Status	Fixed in the SR2.0 Released

Title	Some SNMP entries do not support double click or table view in MIB browser
Problem Description	Launch MIB Browser and double-click some SNMP entries always gets error because the data type of these SNMP entries is 64 bits
Reference	RB-206348, RB-206019
Resolution/Status	Fixed in the SR2.0 Released

Title	i2 still have www session while WPPe session auto logout
Problem Description	After Wppe session expired, i2 still have www session
Reference	RB-208176
Resolution/S	Fixed in the SR2.0 Released

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Title	LUN Mapping modifying GUI can't show >36 LD in one minute
Problem Description	Assign 64 LD into LUN Mapping, but only 32 LD would display on setting dialog
Reference	RB-205786
Resolution/Status	Fixed in the SR2.0 Released

Title	Management port info disappear with some specific operation
Problem Description	1. Click IPv4 View and then Click IPv6 View. 2. Close IPv6 View and IPv4 View also disappear.
Reference	RB-207477
Resolution/Status	Fixed in the SR2.0 Released

Title	In back view, highlight controller won't disappear
Problem Description	If connect more than 2 devices, clicks one device's controller first and then clicks another device's controller, the first device's controller highlight won't disappear.
Reference	RB-207508
Resolution/Status	Fixed in the SR2.0 Released

Title	IP Address configuration inconsistent between a and CLU
Problem Description	Enable DHCP and unplug Ethernet cable form management port, the IP information in CLI and CLU is different.
Reference	RB-206931
Resolution/Status	Fixed in the SR2.0 Released

Title	Failback controller didn't sync running status of SW daemons
Problem Description	Change the running status of all SW daemons to stopped, then plug-out controller 2 and plug-in it again. After failback, the running status of some daemons of controller 1 and controller 2 is different.
Reference	RB-207064

Resolution/Status	Fixed in the SR2.0 Released

Title	"Arrow keys" and "backspace" stop to work in CLI
Problem Description	Launch CLI and type “Arrow keys” or “backspace”, then it display garbled text.
Reference	RB-206879
Resolution/Status	Fixed in the SR2.0 Released

Title	Import subsystem user database failed
Problem Description	Fail to import user database, user's information didn't restore
Reference	RB-207002
Resolution/Status	Fixed in the SR2.0 Released

Title	Enable LUN Affinity under single controller environment is not allowed
Problem Description	Boot system with single controller and perform enable LUN Affinity, the LUN Affinity does not apply to all LD.
Reference	RB-204599
Resolution/Status	Fixed in the SR2.0 Released

Title	In Active-standby mode, change the iSCSI port jumbo frame setting of standby controller is not allowed.
Problem Description	In Active-Standby mode, change the iSCSI port jumbo frame setting of standby controller, the setting will write to Active controller.
Reference	RB-206813
Resolution/Status	Fixed in the SR2.0 Released

Title	Create CHAP button remains in iSNS tab
Problem Description	Click on CHAP tab first and then Click on iSNS tab, "Create CHAP" button still remains in iSNS tab

Reference	RB-206992
Resolution/Status	Fixed in the SR2.0 Released

Title	LD Rebuild should be Perfect Rebuild in WebPAMPro-e
Problem Description	WebPAMPro-e use the term "LD Rebuild", should change to "Perfect Rebuild"
Reference	RB-204094
Resolution/Status	Fixed in the SR2.0 Released

Title	Could not close message box
Problem Description	The right part of message box is disappeared so that couldn't press close button of physical drive “locate” function.
Reference	RB-207083
Resolution/Status	Fixed in the SR2.0 Released

Title	The startup type setting of Netsend is useless
Problem Description	Launch CLI and set the startup type of Netsend to manual. After reboot, the running status of Netsend is started.
Reference	RB-207065
Resolution/Status	Fixed in the SR2.0 Released

Title	Failed to export ctrl setting "AdvancedBatteryFlashBackup"
Problem Description	Launch CLI and run export configscript command. After export completely, change the AdvancedBatteryFlashBackup setting, then run import configscript command. After import completely, check the AdvanceBatteryFlashBackup setting and it is not change.
Reference	RB-206788
Resolution/Status	Fixed in the SR2.0 Released

Title	Invalid character will cause errors on email settings
Problem	Launch WebPAMProe, then go to the email setting page. Choose an input field and type

Description	"\" on it and save it. The setting window has vanished after go to email setting page again.
Reference	RB-206724, RB-206729
Resolution/Status	Fixed in the SR2.0 Released

Title	UPS setting will be no longer available if we set invalid IP address in UPS setting.
Problem Description	Set invalid IP address in UPS setting and save, then UPS setting function can't use anymore.
Reference	RB-206679
Resolution/Status	Fixed in the SR2.0 Released

Title	DST setting does not work, time is not displayed correctly.
Problem Description	Launch CLI and enable NTP and DST, after save it, the time didn't change.
Reference	RB-208864
Resolution/Status	Fixed in the SR2.0 Released

Title	FC configuration may change when put controller to different slot.
Problem Description	1. Install controller A to slot 1 and system boot 2. Install controller B 3. change controller A FC setting 4. Pull-out controller A 5. shutdown 6. pull out controller B and install to slot 1 7. system boot Will see FC configuration of slot 2, not slot 1
Reference	RB-207149
Resolution/Status	Fixed in the SR2.0 Released

Title	Display DA information fail in CLU with Vess R2600 + 6 * Vess J2600
Problem	1. Launch CLU and perform create DA with all 112 physical hard drives

Description	2. Create LD on the DA, after create more than 13 LDs, sometimes it display no DA in CLU
Reference	RB-208846
Resolution/Status	Fixed in the SR2.0 Released

Title	Master controller fail over cause buzzer sounding
Problem Description	Master controller fail over cause buzzer sounding.
Reference	RB-205701, RB-209513
Resolution/Status	Fixed in the SR2.0 Released

Title	Physical drives LED work abnormal
Problem Description	Activity LED does not blink. Status LED does not blink.
Reference	RB-209124
Resolution/Status	Activity LED issue fixed in the SR2.0 Released

Title	Enclosure monitor reports temperature value is under 10 Celsius at init stage
Problem Description	Enclosure monitor reports temperature value is under 10 Celsius at init stage
Reference	RB-205882
Resolution/Status	Fixed in the SR2.0 Released

Title	Expander board to board communication cause watch dog
Problem Description	Expander board to board thread memory and command queue in request and receive function are not same.
Reference	RB-205792, RB-206664, RB-205782
Resolution/Status	Fixed in the SR2.0 Released

- **SR 1.4**

Title	Host fail to see LUN 1, 3, 5, after MAID active

Problem Description	1. Host fail to access 3 LUNs 2. System lock in shutdown state 3. FW takes long time to wake up all ARRAYs
Reference	RB-208152
Resolution/Status	Fixed in the SR1.4 Released

Title	C2C timeout and socketSrv problem
Problem Description	1. Upgrade FW may fail at controller restart when NDIU is enabled 2. Machine may fail to handle controller fail-back.
Reference	RB-207427
Resolution/Status	Fixed in the SR1.4 Released

Title	JBOD FW didn't update
Problem Description	JBOD FW didn't update due to JBOD not restart automatically after upgrading
Reference	RB-208779
Resolution/Status	Fixed in the SR1.4 Released

Title	Can’t see crash information in kernel message
Problem Description	FW does not log the crash information to flash
Reference	RT-3286
Resolution/Status	Fixed in the SR1.4 Released

Title	Promise information are shown in OEM image
Problem Description	Select WebPAMPro-e Language to traditional chinese, Promise string will be shown on browser title
Reference	RB-208490
Resolution/Status	Fixed in the SR1.4 Released

Title	CLI and CLU can't change CHAP secret
Problem Description	1. CLI: Can change chap name + secret, but can't only change CHAP secret. 2. CLU: can't change secret
Reference	RB-208679
Resolution/Status	Fixed in the SR1.4 Released

2.3 Errata and known issues for 1.03.0000.07

ID	Errata	Workaround
1	[RB-202196] Cannot execute command due to flash update in progress. After controller failback, there is a rare chance that CLU shows "Cannot perform operation: Flash update in progress."	Please enter "ptiflash –a stop" in CLI to bypass this issue.
2	[RB-204295] iSCSI MPIO or MCS, insert ctrl1, one LUN is missing.	Please modify the following registry on Windows OS. (1) Modify iSCSI initiator parameters, LinkDownTime=300 and MaxRequestHoldTime =300. Please refer to iSCSI Initiator Users Guide for the registry entry. (2) Modify SCSI disk parameter, TimeOutValue=300. Please refert to Registry Entries for SCSI Miniport Drivers for the registry entry. Note: Microsoft does not support the use of both MPIO and MCS connections to the same device. Use either MPIO or MCS to manage paths to storage and load balance policies. Please **remove** MPIO before using MCS to make sure that host behaves normal.
3	RB-203024: iSCSI READ performance is only 330MBs for 4 sessions	(1) Use more hosts, more sessions can improve the READ performance to line rate. (2) Enable jumbo frame can improve the READ

		performance to line rate.
4	RB-213035: Add ACL entries more than Vess R2600 limitation on windows server 2008	(1) SR 2.1 supports 21 ACL entries (2) SR 2.2 supports 256 ACL entries (3) If user sets more than limitation, ACL settings will work abnormal after Vess R2600 restart. Before restart Vess R2600, user can use (4) to keep ACL setting. (4) To backup/restore ACL by windows server 2008 1. Environment ● Vess R2600 Has joined AD domain ● Windows Server 2008 Require login with administrator of AD account or is AD server it self ● Mount Share Disk as Local Disk \\IP\ARSB -> Z:\ 2. Backup first level folders/files ACL entries under Share Disk C:\>icacls z:* /save aclback.txt 3. Restore ACL entries to Share Disk from the backup file C:\>icacls z:\ /restore aclback.txt

3 Notes

1. Please refer to the Promise compatibility list for up-to-date supported interconnecting hardware.
2. The default IP address of Vess R2600 management port is 10.0.0.1.